

THE EMBODIMENTS OF THE INVENTION IN WHICH AN EXCLUSIVE PROPERTY OR PRIVILEGE IS CLAIMED ARE DEFINED AS FOLLOWS:

1. An adhesiveless masking film, comprising a first outer layer consisting of Mxsite™ and a second outer layer that does not contain Mxsite™, wherein the first outer layer of the film is adapted for retackably adhering to a surface of a substrate.
2. The masking film according to claim 1, wherein the second outer layer comprises low density polyethylene, linear low density polyethylene, medium density polyethylene, high density polyethylene, polypropylene, ethylene vinyl acetate or a mixture thereof.
3. The masking film according to claim 1, which comprises one or more inner layers.
4. The masking film according to claim 3, wherein each of the one or more inner layers comprises low density polyethylene, linear low density polyethylene, medium density polyethylene, high density polyethylene, polypropylene, ethylene vinyl acetate or a mixture thereof.
5. The masking film according to claim 3, wherein each of the one or more inner layers comprises Mxsite™.
6. The masking film according to claim 1, which is a coextruded cast or blown film.
7. The masking film according to claim 1, wherein the film consists of three layers.
8. The masking film according to claim 7, wherein the second outer layer consists of low density polyethylene and the middle layer consists of an advanced Zeigler Natta catalyzed linear low density polyethylene.
9. The masking film according to claim 8, wherein the low density polyethylene is Dow 494™ and the advanced Zeigler Natta catalyzed linear low density polyethylene is Eastman Hifor™.
10. The masking film according to claim 1, wherein the second outer layer additionally comprises a slip agent.

11. The masking film according to claim 10, wherein the slip agent is present in an amount greater than 200 ppm.
12. The masking film according to claim 10, wherein the slip agent is euricamide.
13. Use of Mxsite™ in the manufacture of an adhesiveless masking film according to claim 1.
14. Use of an adhesiveless masking film according to claim 1, to protect the surface of the substrate.
15. The use according to claim 14, wherein the substrate is a smooth or corrugated sheet of polycarbonate, polyester, glycol modified copolyester, acrylic, polystyrene, acrylonitrile-butadiene-styrene, or glass.
16. A method for measuring adhesion of a film to a substrate comprising the steps of:
  - (a) laminating the film to a surface of the substrate to produce a laminated film composite;
  - (b) cutting a strip of the laminated film composite having a predetermined length;
  - (c) marking the strip of laminated film composite at regular intervals along the length of the strip;
  - (d) attaching a weight to the film at one end of the strip;
  - (e) allowing the film to peel off of the substrate under constant stress of a weight;
  - (f) determining time required for the film to be displaced from the composite by measuring the time for the film to peel off the substrate to each mark on the strip;
  - (g) calculating a cumulative peeling velocity by dividing the length of total displacement of the film with the sum of the times measured in step (f),

wherein the strength of adhesion of the film to the substrate is a function of the cumulative peeling velocity.

17. The method according to claim 16, wherein the predetermined length of the strip is at least 10 inches.
18. The method according to claim 16, wherein the marks made in step (c) are at intervals of 1 inch.
19. The method according to claim 16, wherein the weight is a 5 g weight.